

10/645303 inventors search results  
NETWORKED METERED PARKING SYSTEM

Inventors search; patent literature

Set	Items	Description
S1	6	S AU=(ODINOTSKI M? OR ODINOTSKI, M? OR ODINOTSKI (2N)MATTHEW)
S2	6	S AU=(PETRUZZIELLO F? OR PETRUZZIELLO, F? OR PETRUZZIELLO (2N)FERNANDO)
S3	3	S S1 AND S2
S4	3	IDPAT (sorted in duplicate/non-duplicate order)
S5	2	IDPAT (primary/non-duplicate records only)
S6	9	S S1 OR S2
S7	9	IDPAT (sorted in duplicate/non-duplicate order)
S8	5	IDPAT (primary/non-duplicate records only)
S9	2	S S8 NOT S2

; show files

[File 350] Derwent WPIX 1963-2007/UD=200776

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*\*File 350: English-language translations of Chinese Utility Model registrations are available starting with update 200769.*

[File 347] JAPIO Dec 1976-2007/Jun(Updated 070926)

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[File 348] EUROPEAN PATENTS 1978-2007/ 200747

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*\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] PCT FULLTEXT 1979-2007/UB=20071122UT=20071115

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*\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

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5/5/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0014065232 *Drawing available*

WPI Acc no: 2004-248133/200423

XRPX Acc No: N2004-196858

Payment parking terminal for managing use of parking spaces, has wireless communication unit which sends parking related data to another payment parking terminal after parking related data are processed

Patent Assignee: MECHTRONIX SYSTEMS INC (MECH-N)

Inventor: ODINOTSKI M; PETRUZZIELLO F

Patent Family ( 6 patents, 104 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004019282	A1	20040304	WO 2003CA1261	A	20030821	200423	B
CA 2438042	A1	20040221	CA 2438042	A	20030821	200423	E
AU 2003257343	A1	20040311	AU 2003257343	A	20030821	200457	E
US 20040181496	A1	20040916	US 2002404760	P	20020821	200461	E
			US 2003645303	A	20030821		
EP 1535245	A1	20050601	EP 2003792065	A	20030821	200536	E
			WO 2003CA1261	A	20030821		
CN 1689048	A	20051026	CN 2003824175	A	20030821	200618	E

Priority Applications (no., kind, date): US 2002404760 P 20020821; US 2003645303 A 20030821

#### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2004019282	A1	EN	48	11		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
CA 2438042	A1	EN				
AU 2003257343	A1	EN			Based on OPI patent	WO 2004019282
US 20040181496	A1	EN			Related to Provisional	US 2002404760
EP 1535245	A1	EN			PCT Application	WO 2003CA1261
					Based on OPI patent	WO 2004019282
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					

#### Alerting Abstract WO A1

**NOVELTY** - A data processing unit processes parked related data which are the payment associated with one of the parking spaces. A wireless communication unit sends parked related data to another payment parking terminal after receiving processed parked related data. A data storing unit stores the parked related data of the payment parking terminal and of another payment parking terminal.

**DESCRIPTION** - A clock keeps the time of storage of parked related data. A user interface comprises an input and output unit for interacting with the payment parking terminal. A fee collection unit collects and associates payment with one of the parking spaces.

INDEPENDENT CLAIMS are also included for the following:

- A. a wireless point-to-point communication networked metered parking system for managing use of parking spaces; and
- B. a method for implementing wireless point-to-point communication networked metered parking system.

USE - Used in networked metered parking system for managing use of parking spaces.

ADVANTAGE - Provides low lag time, high redundancy, wide area network with point-to-point communication. Prevents critical data from being lost when payment parking terminal malfunction, or become damaged or disconnected from network. Enables other payment parking terminal to manage related parking spaces until one payment terminal is repaired. Attains low operational cost and high reliability.

DESCRIPTION OF DRAWINGS - The figure shows the schematic representation of operational components of a parking payment terminal.

Title Terms /Index Terms/Additional Words: PAY; PARK; TERMINAL; MANAGE; SPACE; WIRELESS ; COMMUNICATE; UNIT; SEND; RELATED; DATA; AFTER; PROCESS

#### Class Codes

International Patent Classification					
IPC	Class Level	Scope	Position	Status	Version Date
G07B-0015/02	A	I		R	20060101
G07B-0015/02	C	I		R	20060101

US Classification, Issued: 705418000

File Segment: EPI;

DWPI Class: T05; T07; W01

Manual Codes (EPI/S-X): T05-C03; T07-F; W01-A06B5B; W01-A06C4

5/5/2 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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01095928

NETWORKED METERED PARKING SYSTEM

SYSTEME DE PARKING A PARCOMETRES EN RESEAU

Patent Applicant/Patent Assignee:

- MECHTRONIX SYSTEMS INC; 6875 Cote de Liesse, St-Laurent, Quebec H4T 1E5  
CA; CA(Residence); CA(Nationality)

Legal Representative:

- ROBIC(agent)  
55 St-Jacques, Montreal, Quebec H2Y 3X2; CA;

	Country	Number	Kind	Date
Patent	WO	200419282	A1	20040304
Application	WO	2003CA1261		20030821
Priorities	US	2002404760		20020821

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G07B-015/02	Main

Publication  
Language: English  
Filing Language: English  
Fulltext word count: 10588

English Abstract:

The networked metered parking system of the present invention uses a database distributed over a plurality of parking payment terminals (hereinafter referred to as standalones), which provides a low lag time, high redundancy, wide area network with point-to-point communication, standalones and portable terminals aid in the use, payment, maintenance, enforcement, management, and continuous auditing of the metered parking system of the present invention.

French Abstract:

Le systeme de parking a parcometres en reseau de la presente invention utilise une base de donnees repartie entre plusieurs bornes de paiement (ci-apres designees "bornes isolees") qui assure un faible temps de latence, une redondance elevee, la presence d'un reseau etendu a communication point-a-point, l'assistance a l'utilisation des bornes isolees ou portatives, le paiement, l'entretien, la mise en oeuvre, la gestion et la verification en continu du systeme de parking a parcometres de la presente invention.

Type	Pub. Date	Kind	Text
Publication	20040304	A1	With international search report.
Examination	20040325		Request for preliminary examination prior to end of 19th month from priority date

9/5/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0016055233 *Drawing available*

WPI Acc no: 2006-586863/200660

XRPX Acc No: N2006-472525

Characteristic determination method for flame, involves segmenting contiguous spectral range into multiple discrete ranges, and respectively processing detected light across each discrete range to determine one characteristic of flame

Patent Assignee: ALSTOM TECHNOLOGY LTD (ALSM); SUTTON J P (SUTT-I)

Inventor: ODINOTSKI M; ODINOTSKI M D; SEGUIN M J; SUTTON J P; TOBIASZ R L

Patent Family ( 4 patents, 111 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2006091617	A1	20060831	WO 2006US6160	A	20060220	200660	B
US 20060199123	A1	20060907	US 200563602	A	20050224	200660	E
WO 2006091617	A8	20071011				200768	E
US 7289032	B2	20071030	US 200563602	A	20050224	200772	E

Priority Applications (no., kind, date): US 200563602 A 20050224

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2006091617	A1	EN	39	4	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
WO 2006091617	A8	EN			

National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract WO A1

NOVELTY - The method involves monitoring a flame across a contiguous spectral range to detect light emitted by the flame, segmenting the contiguous spectral range into multiple discrete ranges, and respectively processing the detected light across each of the multiple discrete ranges to determine one characteristic of the flame.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a flame scanner.

USE - For determining the characteristic of the flame.

ADVANTAGE - Reduces the cabling requirements for the flam scanner while maintaining suitable redundancy and integration to bus. Enables to detect flames produced by multiple types of fuels.

DESCRIPTION OF DRAWINGS - The figure shows simplified depiction of a flame scanner.

100 Flame scanner

101 Lens assembly

105 Fiber optic cable assembly

107a-107n Photodiodes

110 Detector head assembly

Title Terms /Index Terms/Additional Words: CHARACTERISTIC; DETERMINE; METHOD; FLAME; SEGMENT; CONTIGUOUS; SPECTRAL; RANGE; MULTIPLE; DISCRETE; RESPECTIVE; PROCESS; DETECT; LIGHT; ONE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
F23N-0005/00	A	I	F	B	20060101
F23N-0005/08	A	I	F	B	20060101
G01N-0021/72	A	I	L	B	20060101
F23N-0005/08	A	I	L	B	20060101
G06K-0009/00	A	I	F	B	20060101
G06K-0009/34	A	I	L	B	20060101
G08B-0017/12	A	I	L	B	20060101
F23N-0005/00	C	I	F	B	20060101

F23N-0005/08	C	I	F	B	20060101
F23N-0005/08	C	I		B	20060101
G01N-0021/71	C	I	L	B	20060101
G01N-0021/71	C	I		B	20060101
G06K-0009/00	C	I		B	20060101
G06K-0009/34	C	I		B	20060101
G08B-0017/12	C	I		B	20060101

US Classification, Issued: 431075000, 431002000, 340578000, 431079000, 382164000

File Segment: EngPI; ;  
DWPI Class: Q73

9/5/2 (Item 1 from file: 349) [Links](#)  
PCT FULLTEXT  
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01408054  
INTELLIGENT FLAME SCANNER  
SCANNER INTELLIGENT DE FLAMME

Patent Applicant/Patent Assignee:

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CH; CH (Residence); CH (Nationality)  
(For all designated states except: US)
- SUTTON James P; 98 Newberry Road, South Windsor, Connecticut 06072  
US; US (Residence); US (Nationality)  
(Designated for: UG)

Patent Applicant/Inventor:

- SUTTON James P  
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(Nationality); (Designated for: UG)

Legal Representative:

- OLSON Timothy J et al(agent)  
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	Country	Number	Kind	Date
Patent	WO	200691617	A1	20060831
Application	WO	2006US6160		20060220
Priorities	US	200563602		20050224

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC;  
LK; LR; LS; LT; LU; LV; LY; MA; MD; MG;  
MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;  
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE;  
SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;  
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;  
ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
F23N-0005/08	A	I	F	B	20060101		H	EP
G01N-0021/72	A	I	L	B	20060101		H	EP

Publication  
Language: English  
Filing Language: English  
Fulltext word  
count: 6319

English Abstract:

Techniques for determining a characteristic of a flame are provided by the present invention. Provided are methods as well as devices (100). A flame is monitored across a contiguous spectral range to detect light emitted by the monitored flame. The contiguous spectral range is segmented into a plurality of discrete ranges, and detected light across each of the one or more of the plurality of discrete ranges is respectively processed to determine at least one characteristic of the flame.

French Abstract:

La presente invention concerne des techniques pour determiner une caracteristique d'une flamme. Des procedes sont prevus ainsi que des dispositifs (100). Une flamme est surveillee



sur un domaine spectral contigu pour detecter la lumiere emise par la flamme sous surveillance. Le domaine spectral contigu est segmente en une pluralite de domaines distincts, et la lumiere detectee sur le ou chaque domaine distinct parmi la pluralite de domaines distincts est respectivement traite pour determiner au moins une caracteristique de la flamme.

Type	Pub. Date	Kind	Text
Publication	20060831	A1	With international search report.
Correction	20071011		Corrections of entry in Section 1:
Republication	20071011	A1	With international search report.

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Inventors search: non patent literature

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Set      Items  Description
S1        0    S AU=(ODINOTSKI M? OR ODINOTSKI, M? OR
ODINOTSKI (2N)MATTHEW)
S2       12    S AU=(PETRUZZIELLO F? OR PETRUZZIELLO, F? OR
PETRUZZIELLO (2N)FERNANDO)
S3        0    S S1 AND S2
S4       12    S S1 OR S2
S5        0    S S4 AND METER?
S6        0    S S4 AND PARK?
S7        0    S S4 AND WIRELESS
S8        0    S S4 AND TERMINAL
; show files

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[File 2] INSPEC 1898-2007/Nov W2

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[File 35] Dissertation Abs Online 1861-2007/Aug

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[File 65] Inside Conferences 1993-2007/Nov 30

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[File 99] Wilson Appl. Sci & Tech Abs 1983-2007/Sep

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[File 474] New York Times Abs 1969-2007/Nov 30

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[File 475] Wall Street Journal Abs 1973-2007/Nov 30

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[File 583] Gale Group Globalbase(TM) 1986-2002/Dec 13

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[File 20] Dialog Global Reporter 1997-2007/Nov 30

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[File 610] Business Wire 1999-2007/Nov 30  
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[File 613] PR Newswire 1999-2007/Nov 30  
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*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

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[File 275] Gale Group Computer DB(TM) 1983-2007/Nov 28  
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[File 160] Gale Group PROMT(R) 1972-1989  
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[File 14] Mechanical and Transport Engineer Abstract 1966-2007/Oct

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